

- ii) a composition comprising a purified fodrin fragment having glutamate uptake inhibition activity, said fragment having an N-terminus and a C-terminus, and
  - iii) a candidate compound; and
- b) combining said candidate compound with said synaptic vesicles and said fragment such that the effect of said candidate compound on glutamate uptake by said synaptic vesicles can be assessed.

19. (Twice Amended) A method for assessing overcoming synaptic vesicle glutamate uptake inhibition activity, comprising:

- a) providing:
  - i) synaptic vesicles,
  - ii) a composition comprising a purified fragment of IPF having synaptic vesicle glutamate uptake inhibition activity, said fragment having an N-terminus and a C-terminus, and
  - iii) a candidate compound; and
- b) combining said candidate compound with said synaptic vesicles and said purified fragment such that the effect of said candidate compound on said fragment's effect on glutamate uptake by said synaptic vesicles can be assessed.

24. (Once Amended) The method of Claim 15, wherein said [purified] purified fragment comprises a fragment of IPF $\alpha$ .

26. (Once Amended) The method of Claim 19, wherein said [purified] purified fragment comprises a fragment of IPF $\alpha$ .

27. (Once Amended) A method for assessing overcoming synaptic vesicle glutamate uptake inhibition activity, comprising:

- a) providing:
  - i) synaptic vesicles,

- ii) a composition comprising [prufired] a purified fragment of fodrin having glutamate [upatade ihibition] uptake inhibition activity, said fragment having an N-terminus and a C-terminus, wherein said [prufied] purified fragment comprises a [pepetide] peptide having the amino acid sequence EAALTSEEVG within 150 amino acids of the C-terminus of the peptide, and
- iii) a candidate compound; and
- b) combining said candidate compound with said synaptic vesicles and said fragment such that the effect of said candidate compound on glutamate uptake by said synaptic vesicles can be assessed.

28. (Once Amended) A method for assessing overcoming synaptic vesicle glutamate uptake inhibition activity, comprising:

- a) providing:
  - i) synaptic vesicles,
  - ii) a composition comprising a purified peptide having glutamate uptake inhibition [acitivity] activity with an N-terminus sequence comprising the amino acid sequence YHRFK, and
  - iii) a candidate compound; and
- b) combining said candidate compound with said synaptic vesicles and said fragment such that the effect of said candidate compound on glutamate uptake by said synaptic vesicles can be assessed.

#### REMARKS

Applicants respectfully request entry of the above preliminary amendment.

The claims have been amended to correct typographical and grammatical errors which